

PRIMERGY TX150 S4

System configurator and order-information guide

December 2005

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PRIMERGY Server

Instructions

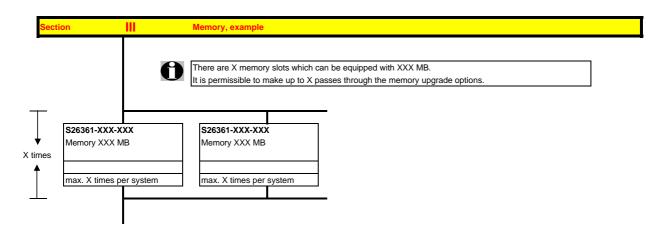
This document contains basic product and configuration information that will enable you to configure your system via PC-/ System-Architect.

Only these tools will ensure a fast and proper configuration of your PRIMERGY server or your complete PRIMERGY Rack system.

You can configure your individual PRIMERGY server in order to adjust your specific requirements.

The System configurator is divided into several chapters that are identical to the current price list and PC-/ System-Architect

Please follow the lines. If there is a junction, you can choose which way or component you would like to take. Go through the configurator by following the lines from the top to the bottom.



In one chapter you can only select as many components (here 4x) as the arrow indicates.



Please note that there are information symbols which indicate necessary information.



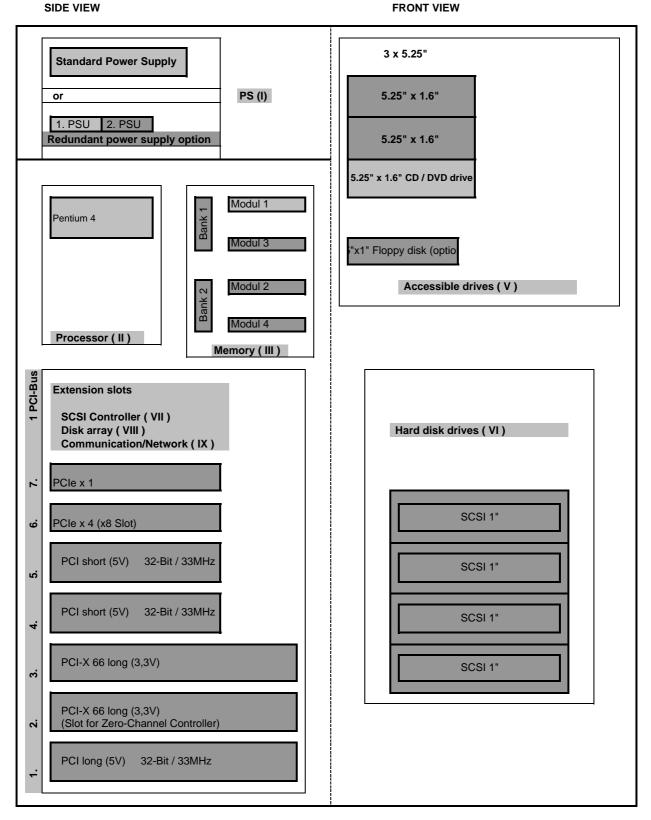
Further information in the internet see:

http://www.primergy.com (internet)
http://extranet.fujitsu-siemens.com/primergy (extranet)

Prices and availability see price list and PC-/ System-Architect Subject to change and errors excepted

Configuration diagram PRIMERGY TX150 S4

System unit (1)



Key:

Included in basic unit

Option

Start PRIMERGY TX150 S4

Section Basic unit



System unit consisting of:

- * Housing including standard power supply (no redundancy)
- * Sliding screen with lock (only for floorstand version)

Systemboard with:

- * 7 PCI slots:
 - 1x PCle x 1
 - 1x PCle x 4 (x8 Slot)
 - 1x PCI-X 66 long (3,3V)
 - 1x PCI-X 66 (3,3V) ZCR Slot
 - 1x long / 2x short 32Bit / 33MHz (5V)
- * 4 memory slots for up to 8GB (PC4200) registered DDR II RAM (ECC), max. 2GB modul per slot
- * 1 drive bay 3.5" occupied by 1 floppy disk 1.44MB 1" height (optional)
- * 3 Einbauplätze 5,25" für bedienbare Laufwerke
- 4 bays 1" for hot plug SCSI HD)
- * ATI Range XL Graphic controller 8MB
- * Intel Broadcom (5721) 10/100/1000 Mb/s on-board
- * 1 x Fast-IDE (ATA) Controller on-board (for 1x 2 devices)
- * 1-channel Ultra 320 SCSI Controller LSI 1020A on-board
- with HW RAID IME (IME = Integrated Mirroring Enhanced)

Options:

- * Hot plug PS or a second redundant hot plug PS version can be configured by ordering the appropriate upgrade option
- * LSI Zero Channel RAID option, simultaneous use of HD and Tape Drive possible

Cables:

- 1. IDE cable for CD/DVD
- 2. With SCSI variant wide LVD SCSI cable for connection of the HD backplane and two accessible drives

PS/2 mouse (only for floorstand version)

ServerStart packet incl. ServerBooks CD, ServerSupport CD and ServerView

External Interfaces:

- 2x RS-232-C (serial, 9 pins)
- 1x Centronics (parallel, 25 pins, EPP/ECP compatible)
- 1x keyboard (PS/2)
- 1x mouse (PS/2)
- 1x VGA (15 pins)
- 1x USB 2.0 on front and 2x USB 2.0 on rearside
- 1x LAN RJ45

Α

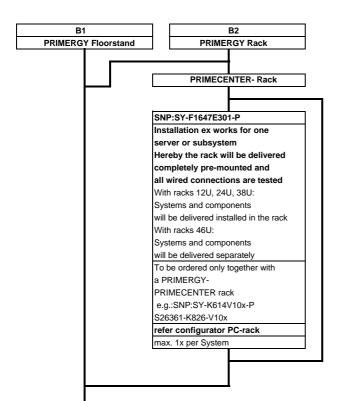
Cables included in basic unit

	Connections	Cable		PRIMERGY TX150 S4	
1.	IDE CD/DVD) C	0		<u>0</u>
2.	Backplane for 1x4 SCSI hard disks incl. terminator	<u></u>	0	0	<u>©</u>

Key:

68pins
68 or 50pins
DIDE

terminator





"rack-mounting ex factory"
This service is to be ordered once
per installable server/storage
subsystem, in order to get the
server/storage subsystem
mounted into the PRIMERGY racks.
In case of the 46 U PRIMERGY rack,
this service has to be ordered,
to get the mounting kits and the
cables installed.



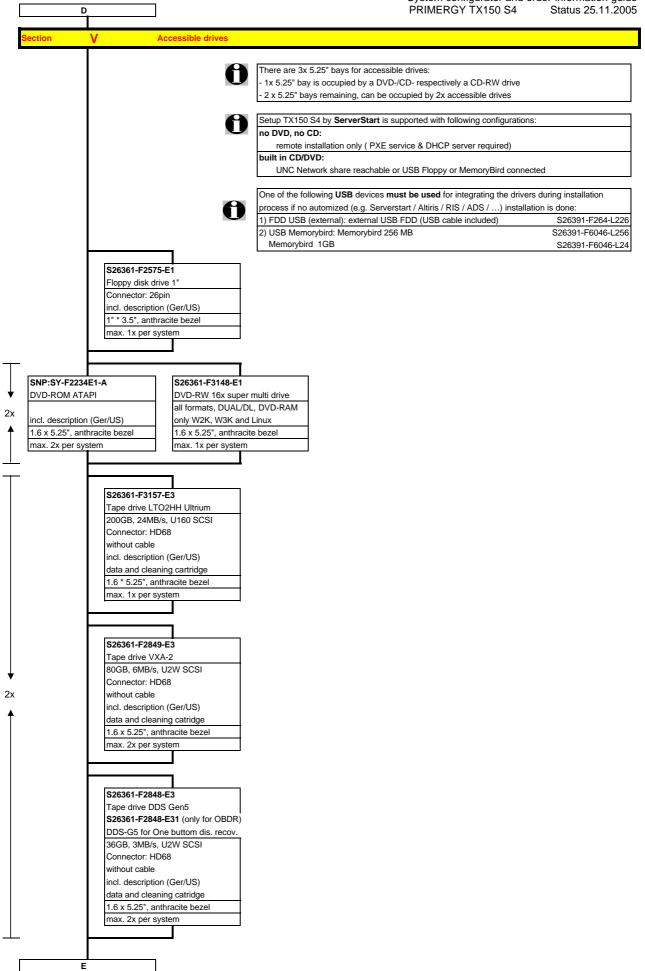
For later conversion of TX150 base unit floorstand into base unit rack the following kit is availible					
1.) Conversion TX150S4 base unit floorstand into base unit rack	S26361-F2618-L240				
rack mount kit has to be ordered separately					



For (later) mounting in racks the following kits are available:				
1.) PRIMERGY Classic-rack 42/23U adapter kit:	S26361-F1331-L300			
incl. cable carrier				
2.) PRIMERGY DC- / PC- rack mounting kit:	S26361-F2734-L32			
incl. DC- PC- bracket, cable managment				
3.) PRIMERGY mounting kit for server racks	S26361-F2734-L32			
conforming to EIA standards EIA-310-D for 19" racks.				

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Section VII

SCSI-Controller



All internal cables and adapters are included within the basic units and components respectively



Cabeling priorities:

internal HDs are cabled according to following priorities.

(Prio 1 - 3):

- 1.) For a configuration without any Disk Array Controller and without zero channel RAID the onboard U320 Controller is connected to the internal HDs.
- 2.) For a configuration with a 2-channel Disk Array controller (without zero-channel RAID)

One channel will be connected with the internal hard disks. The second channel is externally available.

internal backup devices are cabled according to following priorities. (Prio 1 - 2):

1) For a configuration without additional SCSI controller

the onboard U320 controller is connected to internal backup devices

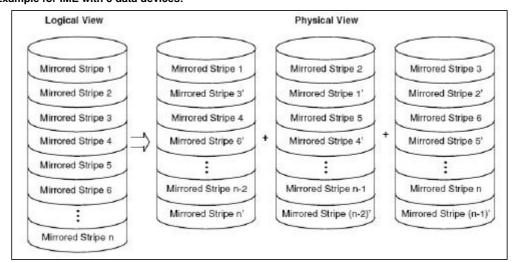
 For a configuration with Adaptec SCSI Card 29160 S26361-F2399-E2 (without SCSI 160 controller S26361-F2644-E11)

this controller is connected to internal backup devices

A. on-board SCSI-controller for accessible drives and SCSI-HDs

1-channel Ultra 320 SCSI on-board controller; included as standard.

Example for IME with 3 data devices:



LSI Integrated Mirroring Enhanced (IME) is a RAID 1 implementation (no RAID 0 support). It can be operated also with an odd number of hard disks (max. one RAID 1 Set). There are, depending on system, up to 6 hard disks, including a hot spare disk, possible. Supportet are only the operating systems Windows2000/2003 as well as SuSE and RedHat Linux.

All internal cables and adapters for the basic unit and for components are included.

1x per TX150S4

T26139-Y3849-L1 External on-board SCSI Interface Cable and external connector interface (HD68) occupies one connection panel

max. 1x per system for ext.

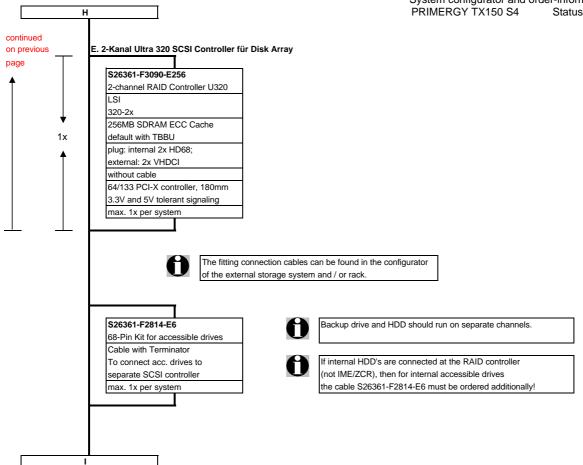


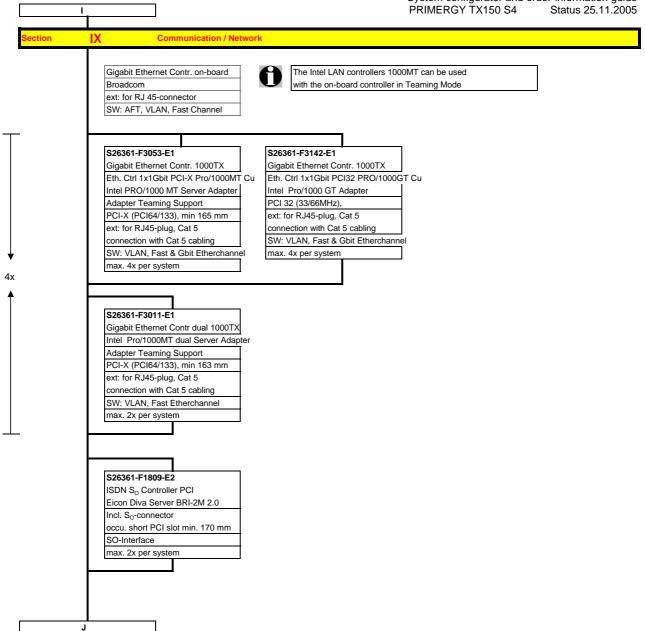
Only SX10 Backup is released for the external connection of the on-board SCSI controller and the 29160.

Cable sold separately not mounted in factory. Use this cable only if on-board controller is not used otherwise (eg. S26361-F2814-E6)

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T26139-Y1742-E10

USA, Canada

For shipments to USA&Canada, you have to order one power cord (1,8m, grey) per power supply.



T26139-Y1745-E10

T26139-Y1746-E10

T26139-Y3850-E10

Attention: For connection of a monitor to the system an additional country specific power cord has to be ordered as option.

No power cord as order option

Power cord for optional monitor connection for the following countries:

1.8m, grey

Italy

Denmark

T26139-Y1740-L10 D, A, B, F, NL, FIN, N, S, E, P, RUS, TR
T26139-Y1742-L10 USA, Canada
T26139-Y1743-L10 Switzerland
T26139-Y1744-L10 UK, IR
T26139-Y1745-L10 Italy
T26139-Y1746-L10 Denmark

Powercord 3-way splitter 1M to 3F

0.78m, grey

T26139-Y3692-L1

Adapter for the connection of up to 3 PS-modules or up to 2 PS-modules and one monitor to the mains connection.

Both, standard and hot plug power supplies, are supported.

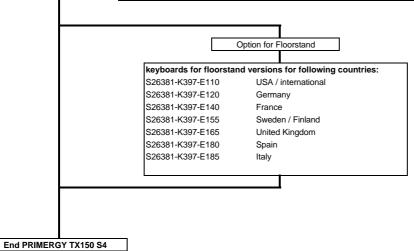


Other options and Peripherals

For other options refer to the section "Product-specific options

These options are supplied loose with the shipment.

For suitable peripherals for this product refer to the section "Peripherals/communication".



Cange Report

Date	Order number	Changes
2005-11-23	S26361-F1809-E2	ISDN SO Controller PCI Eicon Diva Server BRI-2M 2.0 - now available
2005-03-31		First release
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